

Polish Series of Magnetic Amplifiers, by
J. Bickiewicz, A. Zywiec, T. Flakus and R.
Borkowski, 10 pp.
POLISH, per, Electro Technology, Technical, No
3, Mar 1966, pp. 111-115.
JPRS 36520

A. Zywiec

EE-Poland
Econ
Aug 66

107,1000

1
The Demonstration Ships of the Amur-Blenk (Sea
Basin, by N. Zyus'ko and V. Boldomskiy,
RUSSIAN, par, Amur River, No 8, Aug 1965,
pp. 82-83.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

USSR
U.S.S.R.
Sept 67

310,254

78

Autocatal Management Needs New Approach,
by L. Galt and D. Lyuzin, 5 pp.
RUSSIAN, op, Literature Digest, 8: 844
1968, p 10.
JPRS 45696

Sci-Cybernetics
Sept 68

345,001

D. Lyuzin

University Training of Sociologists (Urged),
by D. Zynzin, V. Perevodentsev, 5 pp.
RUSSIAN, np. Literaturnaya Gazeta, Moscow,
8 Jan 1969, p 11.
JPRS 47,458

D. Zynzin

USSR
Soc
Mar 69

375,919

Functions of Some Thiazine dyes in the
Photographic Development Process, by
N. M. Zyuskin, O. S. Glinskaya, 110 pp.
RUSSIAN, per. Zhur Nauch i Prikl Foto i
Kine, Vol XI, No 5, 1966, pp 334-342.
CIA/FDD IX-1843

NO FOREIGN DISSEM

N. M. ZYUSKIN

Sci

Feb 67

USIB Internal Use Only

510,764

Acceleration of Photographic Development, by
N. M. Zyuskin.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 5, 1968, pp 381-383.
NIC 69-15695-148

N M. Zyuskin

Sci-Meth & Equip
Dec 69

398,458

Transmission of Tobacco Stunt Virus by 42
Opidium Brassicae, by Zyun Hidaka.
JAPANESE, per, Phytopathological Society
of Japan, 1965, pp 369-372.
*ACSI J-6023
HT-23-268-68-FF

Sci-B&I
Jan 69

98
Noise Stability and Effectiveness of Com-
munications Systems, by A.G. Zyukov, 356 pp.
RUSSIAN, bk, Gosudarstvennoye Izdatel'stvo
Literaturny po Voprosam Svyazi i Radio, 1963,
pp 1-319. P100366667
FTD-HT-66-355

A. G. Zyukov
Sci-Navigation, Communications,
Detection & Countermeasures
Jan 63

346, N73

25
The Photopotentiometer as a Functional Converter,
by A. N. Zyuganov, 7 pp.

RUSSIAN, bk. An Ucheny. Poluvoproschennaya
Tekhnika i Elektronika, 1966, pp 13-50.

P100185568-V

FTD-MT-24-135-67

78 A N Zyuganov

Sci/Elect & Elect Engr

Sept 68

364,925

Automated Control of Electric Drives for
Continuous Transport Systems,
by D. Ya. Zytser, A. Ya. Kiryachenko.
RUSSIAN, bk, Avtomatizirovannoe Upravlenie
Elektroprivodami Fotochastotnymi
Sistem, 1965, 208 pp.
ML R-38383

D. Ya. Zytser

Sci-Elec
May 66

301,359

Pigmented Dyes in Printing, by J. Zyman.
FRENCH, per, Industrie-Textile, No 1948, 1960,
pp 297-303.
NTC-69-13100-11F

90

J. Zyman

Sci-Hat
Sept 69

392,763

Crediting Procedures in Trading Network Revisited,
by G. Zysman, 7 pp.
RUSSIAN, per. Den'gi i Kredit, June 1961, pp 22-25.
JPRS 46,327

G. Z Y S M A N

USSR
Loon
Sept 68

365,030

Comparative Investigations of Fabrica for
Conveyor-Bolts in Soil Burial Tests, by
Bronislaw Zyska.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen.

Vol 2, No 3, 1967, pp 179-188.

ARM/FSTC/HT-23-980-68

Bronislaw Zyska

Sci-Mat

June 69

384,090

104
Calculation of the Temperature Fields in a Blade
of a High-Temperature Gas Turbine During Internal
Cooling, by L. M. Zyrina-Moloshan & M. P. Polyak.
RUSSIAN, per. ~~English translation~~. Vol 6, 1966,
pp 261-271.
*NARA TT F-11,183

Sci/Prop & Fuels
Mar 68

75
Study of the Turbulent Boundary Layer
Formed on the Streamlining of a Plate by
a Flow of a Compressible Gas With Heat
Transfer, by L. M. Zysina-Molozhova,
I. N. Soskova, 9 pp.
RUSSIAN, per, Temlo- i Massoperezhie,
Vol 2, 1965, pp 305-312.
AIR/PTD/HT-23-775-67

Sci/Phys
Jan 69

L. M. Zysina-Molozhova

353.115

Investigation of the Turbulent Boundary
Layer Formed by the Flow of a Compressible
Gas Around a Plate, Accompanied by Heat
Transfer, by L. N. Zysina-Molozhen,
I. N. Soskova, et al.

RUSSIAN, rpt, Teplota i Massopereenos, II:
Teplota i Massopereenos pri Vysokom Dавлении
to i Potokami Zhidkostey i Gazov, Vol. III,
1965, pp 305-312.

*FTD HT 23-775-67

L. N. Zysina - Molozhen

Sci-Phys
May 67

L. M. Zysina-Molozhen

Study of heat exchange and drag during a turbulent flow
of compressible gas. 17 pp.

RUSSIAN, Teple- i Massopereenos, Vol 1, 1968, pp 86-100

AIR/FTD-MT-24-1525-72

Jan 73

quantum spin waves, by P. S. Zyrinov, L. I. Okulev,
6 pp. ///
RUSSIAN, preprint, No 164, Akad Nauk SSSR, Institute
Fiziki, 1968, pp 1-6.
AEC-Tr-7063-69

P. S. Zyrinov

Sci/Phy
Oct 69

303,496

7
Tank Officer Urges Stricter Discipline, by
A. Zyryanov, 9 pp.
RUSSIAH, per, Kommunist Voenno-Morskoy Fl.
Moscow, No 24, Dec 1969, pp 30-32.
JPRS 49767

A. ZYRYANOV

USSR
#1
Feb 70

401,901

Spectral Reflectivity of Soils in the Lankaran*
Zone of the Azerbaydzhan SSR, by N.G. Jyrin,
F.S. Kiliyev.
RUSSIAN, per, Nauch Dok Vyshey Shkoly Bio Zhukhi,
No 7, 1967, pp 123-129.
Soviet Soil Science

N. G. Jyrin

July 69

354-672

Border Troops During the Great Patriotic War, by 14
P. I. Zyryanov, 610 pp.

RUSSIAN, LI, Pogranichnyye Voyska v Gode Velikoy
Otechestvennoy Voiny, 1968, pp 7-707.

ACSI J-6246

ID 2204020168

P. I. ZYRYANOV

USOR/111

Apr 72

413,641

6
Damanitsky Island Border Troops Deaths (Damanitskiy),
by P. Zyryanov, 8 pp.
RUSSIAN, par. Agitator, Moscow, No 8, Apr 1969,
pp 17-19.
JPRS 48208

P. ZYRYANOV

USSR
411
Jul 69

305,003

G-Composedness and G-Complementability,
by V. B. Zylev.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 3, 1968, pp 529-530.
The American Mathematical Society
Vol 9, No 2, 1968

V. B. Zylev

Sci/Math
Oct 68

161, 161

81
Interaction of a Plasma with a Transverse
Magnetic Field, by V. G. Zykov et al, 11 pp.
RUSSIAN per, Issledovaniye Plazmenykh
Sgustkov Sinelnikov, Kiev, 1965. pp. 21-66.
F911278467
ARC-NP-TR-1540

V. G. Zykov

Sci/Physics
Nov 67

342,404

107
108
Interaction of Two Plasma Blobs in the Magnetic
Field of a Divertor, by V. G. Lykov,
RUSSIAN, rpt. Fiz. Tverd. Inst. Khim.,
No 166, 1968, 10pp.,
ILL Ref: 9091.98 (CRO/636)

Sci/Physics
Mar 70

V. G. Lykov

44,098

108
Interaction of Plasma Fluxes with the Plasma
Cylinder in the Magnetic Field of the Torus,
by V. G. Zykov,
USSR, rpt. Phys. Tech. Inst. Khar'kov.,
No. 69, 1968, 9pp.,
NII Ref: 9091.97 (CRO/657)

Sci/Physics V.G. Zykov
Mar 70

404,091

73
Interaction of a Plasma Beam with a Plasma
Cylinder in the Magnetic Field of Divertor,
by V. G. Zytov.
RUSSIAN, rpt, FTL-167, 9 pp.
ABC-tr-7105

V. G. Zytov
Sci-Phys
Sep 70

Interaction of a Plasma with a Transverse Mag-
netic Field, by V. G. Eynov, N. G. Minina, L.I. PD-
RUCHIAN, bk, ~~Interference Plasmas with Electromagnetic~~
1965, pp 27-36. P 9112/0467
ASC NP Tr-1540

V. G. Zykov

Sci-Physics
Oct 67

921,595

Interaction of Two Plasma Blobs in the Magnetic
Field of a Divertor, by V. G. Zytov. 11 pp.
RUSSIAN, rpt, FTI-144.
ABC-WP-tr-1838

V. G. Zytov

Sci-Phys
Oct 70

124

Prospects for the Introduction of Gas Turbine
and Steam Gas Installations Into Power Engineering,
by S. A. Zykov, M. I. Korneyev, V. G. Tyryshkin,
and P. Ya. Tyurin, L. D. Frankel; and A. I.
Andryushchenko. 13 pp.
RUSSIAN, per. Toploenergetika, No 5, May 1967.
pp. 2-5.
JPRS 41830

S A ZYKOV

USSR
Sci-Energy Conversion
Aug. 67

332,633

24
Improving the Efficiency of Heat and Electric
Power Plants, by S.A. Zykov, 13 pp.
RUSSIAN, per, Teploenergetika, Moscow,
No. 4, 1962, pp. 2-9.
JPRS 45,381

S.A. Zykov

Sci-energy Conversion
(Non-propulsive)
May 63

157,676

67

Technical Level of Power Stations Discussed,
by S. A. Zykov, V. P. Korytnikov, 12 pp.
RUSSIAN, per, Elektricheskaya Stantsiya,
Moscow, No 10, 1969, pp 13-26.
JPRS 49279

S. A. Zykov

Sci-Energy Conv (Non-Prop)
Nov 69

396,356

116
Development of Hydroelectric Engineering Branch,
by A. N. Zykov, 17 pp.
RUSSIAN, per. Isprav. Istoriia 1965. July 1968,
pp 34-32.
JPRS 46276

Sci-Tech Engr
Sep 68

365,449

A. N. Zykov

On a Vector Space Associated with Hadwiger's
Hypothesis, by A. A. Zylov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 187, No 4,
1969, pp 1235-1238.
The Am Math Soc
Vol 10, No 4, July-Aug 1969

A A ZYLOV

Jan 70

400,000

Computer for the Determination of Optimum
Energy System Conditions, by A. V. Baykov, 58
F. A. Zykin.
RUSSIAN, per, Elektrichestvo, No 6, 1966,
pp 23-26.
AIR/PTD/UT-23-1588-67

Sci-Electr
Feb 69

374,4017

Past and Future of Geology within CEMA Viewed,
by Václav Zýka, 13 pp.

GOVERNMENT USE ONLY

CZECH, par. Geologický Průběh, Prague,

Sept 1968, pp 315-319.

JPRS GUO 2966

EE-Czech
Econ

Computer Technology Advances in Science, by
Jan Zydlow, 9 pp.

POLISH, per. ~~Massary~~ ~~Latent~~ ~~cyone~~, Warsaw, No 1-3,
1969, pp 3-5.

JPRS 49065

Jan Zydlow

Sci-11ec
Nov 69

373,660

44
Examination and Rating of the Vision of Persons
Exposed to Microwave Effects (With Special
Attention to Eye Lens Capacity, by H. Tydowski.
CMBCH, per, Lekarsk Malchov, No 2, 1967,
pp 124-129.
*FTD-HT-23-1500-67

Sci-FAM
Dec 67
Sci-FAM

Investigations and Rating of the Organ of Vision
of Persons Exposed to the Effect of ~~radiation~~
with Particular Consideration of Bullous in the
Eyelashes, by S. Zydecki, 8 pp.

POLISH, per, Lekarski Przegląd, No 2, 1957,
pp 124-129.

AIR/FTD/IN-23-1500-67

AD 845 280

Sci/648

Feb 69

075,954

S Zydecki.

supplementing
A High-Speed Bridge-Impulse Impedance Relay
for the Distance Protection of High Tension
Networks, by J. Zydanowicz, *Vol 9*
POLISH, per, Przegląd Elektroniki, No 2, 1965,
pp 49-53.

MTC-71-11398-09C

727/90222 1965 (4014)

NOV 71

Optimum Design of a Thin-Walled Bar Subjected
to Simultaneous Torsion and Bending, by
S. Nazarkiewicz, M. Iyzkowski,
POLISH, per, Rozprawy Inzynierskie, Vol. 14,
No 2, 1966, pp 189-211.
NASA TT F-10,897

GOVERNMENT USE ONLY
Sci-Phys
Aug 67

336,709

Optimum Design of Trusses with Consideration of
Conditions of Stability, by S. Wajsbort and H. Zyczowski. 29 pp.

POLISH, per, *Prace Inżynierskie*, Vol. 17,
No 3, 1969, pp 357-367.

AIR/FTD-HC-23-837-70

Dr. Zyczowski

mar 71

Discussion on the Speed of Freight Traffic
Via Rail during the Past Four Years, by P.
Zychowicz, 10 pp. //

POLISH, per, Przeglad Kolejowy Przemysl,
Vol XII, No 7, Jul 1965, pp. 213-215.
JPRS 3612

EE-Poland

Econ

Aug 65

2115, 1771.

The Cl-Ol Hungarian-~~rich~~ Gyrodinodolite, by 60
J. Zycka. 15 pp.
POLISH, Przegląd Geodynyjny, Vol 38, No 10,
1966, pp 393-399.
AIR/PTD/IR-23-54-68

sci/earth sci
apr 69

377,961

J. Zycka

13
Primitive Magic in Judaism and Islam, by V.
Zybkovets, 6 pp.
RUSSIAN, per, Agitator, No. 22, Nov 1946, pp.
43-51.
JPRS 39230

V ZYBKOVETS

USSR
Soc
Jan 67

317,012

Trends in the Industrial Development of Katowice
Wojewodstwo during 1966-1970,
by Jan Zywniewski, 13 pp.
POLBUL, per, Gospodarka Planowa, Vol. 20, No. 3,
May 1965, pp. 36-40.
JPRS 3013)

EE-Poland
Econ
Jul 65

121147, P. 05

Interaction of Plasma Fluxes with the Plasma
Cylinder in the Magnetic Field of the Divertor,
by V. G. Zykov. 10 pp.
RUSSIAN, rpt, FTI-169.
AEC-HP-tr-1959

V. G. Zykov

Sci-Phys
Oct 70

G. Zykov
Market prices for vegetables criticized,
G. Zykov. 5 pp.
RUSSIAN, np. Izv. Moscow, 3 Nov 1971, 1 p.
JPRS 54576

Doc 71

610
One Method for the Synthesis of Decoders with
a Separated Load, by F. N. Zykov, 7 pp.
RUSSIAN, par, AN SSSR, Elektrotehnika
Tekhnika, 1965, pp 51-58. F100724-1
FTD-RT-23-691-67

F. N. Zykov
Sci/Electr & Electr Eng
May 68

356,704

85
A Memory Unit with Nondestructive Readout, by
P. N. Zykov, V. M. Korsunskiy, et al. 8 pp.
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Upravleniya, No 3, 1968, pp 37-40.
AIR/FID/MT-24-452-69

F. N. Zykov
Sci-Ele
June 70

136
An investigation into the Effects of Current
Pulse Shortening in Multisection Linear
Accelerators, by A. I. Zykov, I. A. Grishapov,
et al. 10 pp.
UKRAINIAN, rpt, Physico-Tech. Institute of
Acad. of Sci. USSR, 276/Vh-062, Kharkov, 1960.
AEC SLAC TRANS-73 P911391867

A. I. Zykov

USSR
Sci/Physics
Feb 65

342,479

Determination of the Maximum (Peak) Electric Field
in Disk-Loaded Waveguides in the H_{01} Mode, by
A. I. Zykov, V. I. Kotov, et al. 14 pp.

RUSSIAN, rpt, AN UkrSSR. Fiziko-tekh Inst., Khar'kov,
69-23, 1969, 10 pp.

AEC/SLAC/Trans-118-70

A. I. Zykov

Sci-Phys
Sep 70

A. I. Zykov

Investigation into the Effects of Current Pulse
Shortening into Multisection Linear Accelerations,
by Zykov, A. I.

RUSSIAN, per, Fiziko-Tekhnicheskii Institut, Kharkov.
Akademiya Nauk Ukrainakoi SSR., [MIFORD]

FTC 71-12956-200

JULY 71

Wicenty Zydron

Vice Minister Outlines Food Industry Growth,
by Wicenty Zydron, 6 pp.

POLISH, per, Howe Rolnictwo, Warszawa,
1-15 Jan 72, pp 1-3.

JPRS 55459

Mar 72

124
Hungarian Gyrothodolite Cl-MI, by J. Zyzanski,
FOLIA, par. Practical Geology, No 10, 1966,
pp 391-399.
OTD-MI-21-9A-60C

Sol. Navi
Feb 68

Zyzanski

O. Zych

The Use of Radioisotopes For Studying Convection
in Glass Tanks.

CZECH, per, Silikaty, Vol 13, No 1, 1969,

pp 67-73

NTC 72-12713-11B

sept 72

3

Station which Gasifies Coal Underground is Improving in Efficiency, by A. Zybina, in *Zyba-Lova*, 5 pp.

RUSSIAN, per. *Ekonomika i shirok*, No 6, 1967, pp 63-65.

JPRS 42733

G. Zyba-Lova

1967

1967

Oct 67

300,000

666
The Role of Denaturated Molecules in the
Reaction With N-Acetylothylenimine, by D.I.
Sybina, et al, 5 pp.
RUSSIAN, journal, Biofizika, Vol 12, No. 3,
Moscow 1967, pp. 549-551.
JPRS 44,129

Sci-Bio. and Med. Sci.
Jan 68

348,446

Water Retention Capacity of Plants and the
Coefficient of Water Activity, by A. A. Zymalov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 2,
Nov 1967, pp 462-463.
CB

Aug 68

362,089

Failure to Introduce Industrial Engineering Scored ^{1/7}
by V. Zyabrev, A. Provotorov, 3 pp.
RUSSIAN, np. Pravda, 11 Dec, 1969, p 3.
AIR/FTD/RT-23-162-70

Sci-
June 70

V. Zyabrev

ZWOLFER, H. and PSCHORN-WALCHER, H. Behaviour
of insect parasites towards introduced foreign hosts.
Anz.Schädlingsk. 41(4):51-5 (1968) (GIB 397/3613)

ZWOLFER, H. Parasite complexes of the European and North American Choristoneura spp., Lep. Tortricidae, from a biographical viewpoint.

Z. angew. Ent. 61(4):448-52 (1968) (CB 397/3628)

Recent Data from Tests on High-Voltage
Generator Windings, by W. Zwicknagl.
GERMAN, per, Osterr Z. Elekt Wirtsch.
Vol 20, 1967, pp 455-466.
NLL Ref: 9022.09 (2466)

Sci-Elec
Apr 69

379,927

On the Disturbance-Effect of Impulse-
Trains in Telephone Connections, by E.
Zwicker, E. Terhardt.
GERMAN, per Machrtch. Z. Vol. 2, 1965.
pp 80-90
PML/ENG

E. Zwicker

Sci -
Aug 67

338-444

The Unusual Amplitude Trend of Nonlinear Distortions
of the Wave, by E. Zwickner,
GERMAN, FOR, Acoustics, Vol 5, 1955, pp 61-74,
Dept of Navy APL/JAN 5-5461

E. Zwickner

Sci-22A
Nov 70

Projector Theory with Several Supporting Workman
Lines, by W. Zwick. 12 pp. 136

1967, per, Akademie der Wissenschaften zu
Berlin. Monatsberichte, Vol 8, No 4, 1967,
pp 264-274.

AIR/FID/AT-23-762-68

sci/physics
ray 69

1961, 1962

W. Zwick

Calculating the Forces on the Blades of a Screw Propeller with Oblique Inflow, by H. Zwick, 59
Giblin, per, Seifbauverfahren, Vol 7, No 1-3, 1968,
p. 67-
ALL Ref: 9022.065 (8140)

H. Zwick
sci/acc
eq 70

Synthesis of Glucagon--VIII. Preparation
of Sequence 1-8, by H. Wunsch, A. Zwick.
GERMAN, per, China Ser, Vol XCIX, No 1,
1966, pp 101-104.
NASA TT F-18,028

A. Zwick

U. S. GOVERNMENT USE ONLY
Sci-Chem
May 66

100,811

59
The 912 t/h Oil-Fired Boiler in the Florentine
Power Station by G. Zweier
GERMAN, per, Mitt. V.G.B., Vol 48, June 1968,
pp 174-183
C. B. Trans 5046

G. Zweier
sci/mech
eng 70

ZWEIDLER, R. and GEIGY, J. Introduction into the chemi
of optical brightness.
Textilveredlung 4(2):78-87 (1969) (CSIRO/No. 9926)

Zweidler, R.

E. Zwarg
The Most Important Types of Firearms - Physical
Comparison of Manners of Functioning,
by E. Zwarg, 14 pp.
GERMAN, per. Wehrtechnik, Jul 1971, pp 275-278,
280.
ACSI-K-1989
FSTC-HT-23-1401-72

M. Zwansig

Studies on the pH-Dependence, Inhibition, and
Reactivation of Angiotensin II and Angiotensin II
Amide-Cleaving Enzymes of Human Plasma.
GERMAN, per, Zeitschrift für Klinische Chemie und
Klinische Biochemie, Vol 7, May 1969, pp 253-258.
NASA TT F 15,457

Oct 72